

Customer No. 27061

Patent  
Attorney Docket No. GEMS8081.096**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Acharya, Kishore  
Serial No. : 09/682,430  
Filed : 8/31/2001  
For : Dynamic Cardiac Phantom and Method of Simulating Cardiac Motion  
Group Art No. : 3737  
Examiner : Jung, William

---

**DECLARATION UNDER 37 C.F.R. §1.131**

I, Kishore Acharya, being duly sworn, depose and say:

1. That I am the inventor for the above-identified Patent Application;
2. That I have reviewed the claims of this Application;
3. That I conceived in the United States, prior to June 5, 2001, the filing date of the cited Patent No. 6,629,469, the invention as set forth in the aforementioned claims, and in particular, a dynamic cardiac phantom having a hollow chamber made of pliable material to expand and contract based on an injection and discharge of fluid therein and at least one inlet connected to the hollow chamber at one end and having another end connectable to a fluid source to inject and discharge fluid into the hollow chamber in a manner to simulate cardiac motion, as stated in the attached document, marked as Exhibit A.
4. Attached as Exhibited A is a copy of my "GE Medical Systems Invention Disclosure Sheet" that was prepared prior to June 5, 2001, evidencing conception of the above-captioned invention.
5. That from before June 5, 2001, to August 31, 2001, the filing date of the above-captioned invention, I diligently worked toward reducing the above-captioned invention to practice and worked with patent counsel in the preparation of a patent application for the claimed invention.
6. That the statements made herein are of our own knowledge and are true and made on information and belief that are believed to be true.

INVENTOR: Acharya, Kishore

S/N: 09/682,430

I acknowledge that any willful false statements and the like made herein are punishable by fine or imprisonment, or both, and may jeopardize the validity of the application or any patent issuing thereon.

Kishore C Acharya  
Kishore Acharya

Dated: 5/20/2005